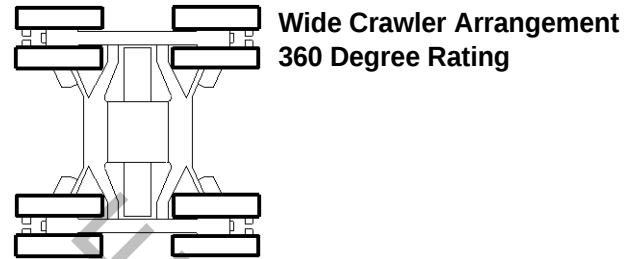
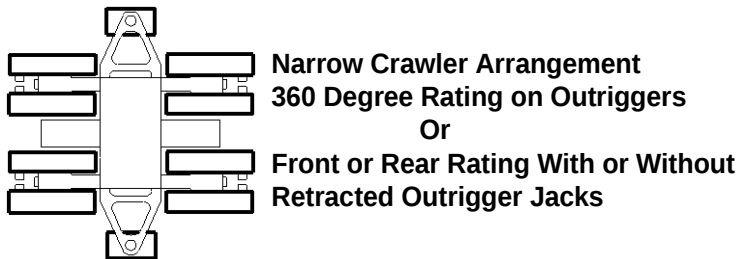
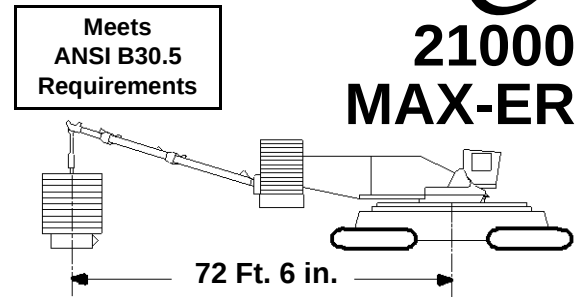


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating



LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). **360 degree operation requires set outrigger jacks for narrow crawler arrangement.**

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum boom capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging counterweight.

Capacities above 1,200,000 Lbs. require tandem lower boom points. 320 Ft. thru 380 Ft. boom lengths require only the single lower boom point (15 sheaves) to be used. Second lower boom point must be removed and single lower boom point repositioned to center of boom on 320 Ft. thru 380 Ft. boom lengths.

Simultaneous hoisting of both load drums is required for even block travel.

Upper boom point capacity for liftcrane service with single part whip line is 48,800 Lbs. or 97,600 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Minimum boom operating angle is 36 degrees when drum 2 lead line is reeved over upper sheave in boom top wire rope guide.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom point sheaves is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS

General: Machine to operate in a level position on a firm uniformly supporting surface with gantry in intermediate position and mast up. Refer to boom rigging **No. 194413** and Wire Rope Specification chart **No. 8168-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

Narrow Crawler Arrangement: Narrow crawler arrangement (30 Ft. 0 in.) requires outriggers with jacks set for 360 degree operation (no travel). Refer to operators manual for jacking instructions. Operation restricted to limited swing over front or rear with outrigger jacks retracted or outriggers removed. Refer to Operating Range Diagram chart **No. 8141-A**.

Wide Crawler Arrangement: Operation with wide crawler arrangement (47 Ft. 6 in.) is 360 degrees.

MACHINE TRAVEL

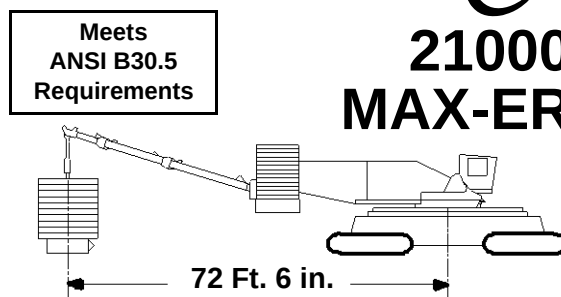
General: Machine to travel on a firm, level, and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8169-A**.

Narrow Crawler Arrangement: Narrow crawler arrangement (30 Ft. 0 in.) travel allowed only with upperworks centered over front or rear of lowerworks (no swing) with outrigger jacks retracted or outriggers removed.

Wide Crawler Arrangement: Wide crawler arrangement (47 Ft. 6 in.) travel allowed with 360 degree rating.

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating



OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER, lowerworks carbody beams, outriggers, eight 16 Ft. 4 in. crawlers, 48 in. treads, 140 Ft. mast, 28 Ft.

retractable gantry, 20 part boom hoist reeving, boom support straps, 458,700 Lb. crane counterweight, two 53,500 Lb. and two 46,500 Lb. carbody counterweights and hanging counterweight as specified.

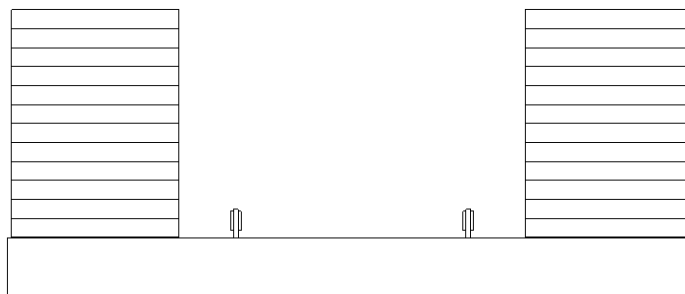
Warning: Front carbody platform must be removed when raising or lowering boom.

Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

Machine may tip over side with outrigger jacks retracted or removed. Refer to wind folio for restrictions.

WITH OR WITHOUT BOOM CATWALKS	
Maximum Boom Length Lifted Unassisted	
With 0 Lb. Hanging Counterweight	
Over End of Blocked Crawlers	Over End of Unblocked Crawlers
360 Ft.	340 Ft.
With 247,300 Lb. - 1,127,300 Lb. Hanging Counterweight	
Over End of Unblocked Crawlers	
380 Ft.	
Load block, hook and weight ball on ground at start.	

Warning: Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Counterweight Assemblies.



458,700 Lb. Crane Counterweight
 24 Side Boxes

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

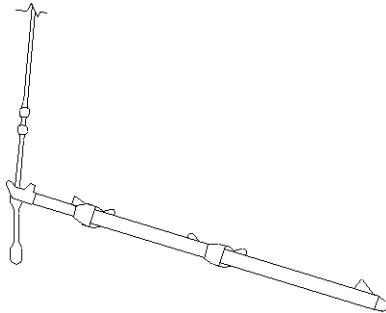
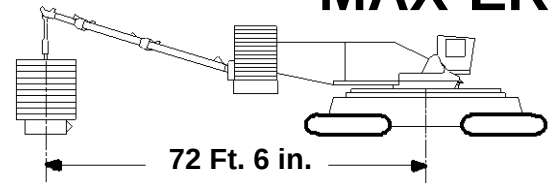
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

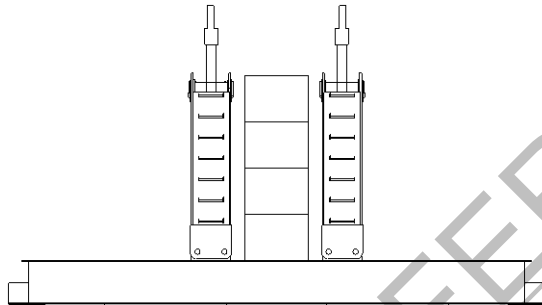
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

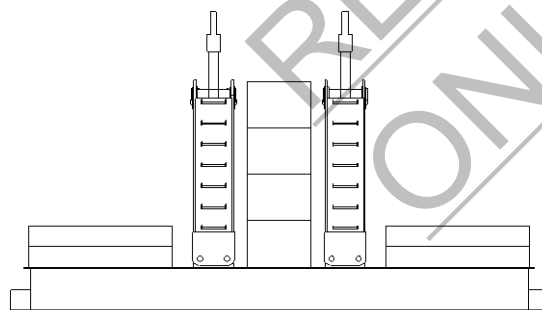
**21000
MAX-ER**



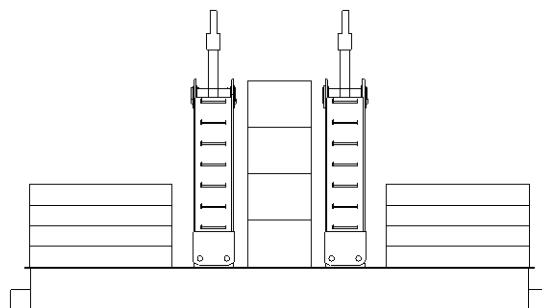
0 Lb. Hanging Counterweight



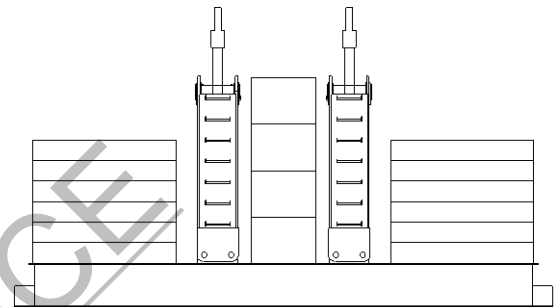
247,300 Lb. Hanging Counterweight
4 Center Boxes



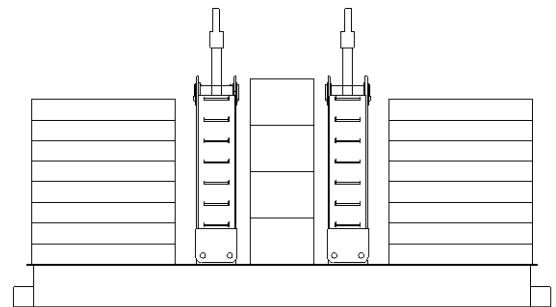
423,300 Lb. Hanging Counterweight
4 Side Boxes - 4 Center Boxes



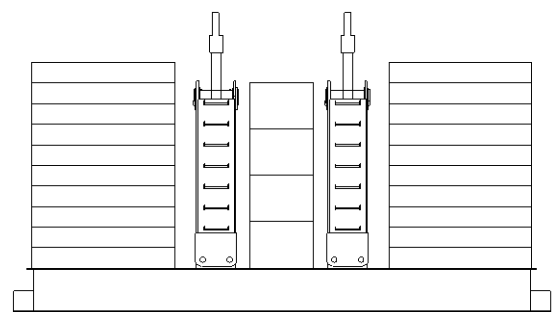
599,300 Lb. Hanging Counterweight
8 Side Boxes - 4 Center Boxes



775,300 Lb. Hanging Counterweight
12 Side Boxes - 4 Center Boxes



951,300 Lb. Hanging Counterweight
16 Side Boxes - 4 Center Boxes



1,127,300 Lb. Hanging Counterweight
20 Side Boxes - 4 Center Boxes

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

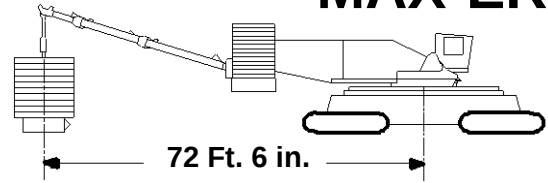
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



140 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
28	82.7	148.8	1,394,700*	1,278,200	1,837,600*			28
30	81.9	148.4	1,304,100*	1,156,300	1,719,600*	1,742,900	2,000,000*	30
32	81.0	148.1	1,224,000*	1,054,300	1,615,400*	1,593,100	1,884,100*	32
34	80.2	147.7	1,152,700*	967,500	1,522,600*	1,465,800	1,776,500*	34
36	79.4	147.3	1,088,800*	892,800	1,439,400*	1,356,300	1,680,100*	36
38	78.5	146.8	1,031,200*	827,900	1,364,500*	1,261,000	1,593,300*	38
40	77.7	146.3	979,000*	770,900	1,296,600*	1,177,400	1,514,600*	40
45	75.6	144.9	867,900*	654,900	1,152,000*	1,007,300	1,347,000*	45
50	73.4	143.4	777,900*	566,100	1,034,900*	877,000	1,211,300*	50
55	71.3	141.6	703,500*	495,800	938,200*	773,900	1,099,200*	55
60	69.1	139.6	636,000*	438,800	856,900*	690,400	1,005,100*	60
65	66.8	137.4	579,100*	391,700	787,700*	621,400	924,800*	65
70	64.5	134.9	530,600*	352,000	728,000*	563,300	855,700*	70
75	62.2	132.2	488,700*	318,200	676,000*	513,700	795,400*	75
80	59.8	129.2	452,200*	289,000	630,200*	470,900	742,400*	80
85	57.4	125.9	420,100*	263,500	589,700*	433,600	695,500*	85
90	54.9	122.3	391,700*	241,000	553,500*	400,700	653,600*	90
95	52.3	118.4	366,200*	221,000	521,100*	371,600	616,000*	95
100	49.5	114.0	343,400*	203,200	490,900*	345,500	582,000*	100
105	46.7	109.3	322,800*	187,100	463,100*	322,100	551,200*	105
110	43.7	104.0	304,000*	172,600	437,800*	300,800	523,100*	110
115	40.6	98.1	286,900*	159,300	414,800*	281,500	497,300*	115
120	37.2	91.4	271,200*	147,200	393,600*	263,800	473,600*	120
125	33.5	83.9	256,700*	135,900	374,200*	247,500	451,800*	125
130	29.3	75.0	243,400*	125,500	356,200*	232,400	431,500*	130

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

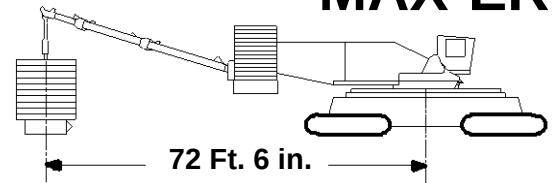
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



140 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	599,300 Lb. Hanging Counterweight		775,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
28	82.7	148.8					28
30	81.9	148.4					30
32	81.0	148.1					32
34	80.2	147.7					34
36	79.4	147.3					36
38	78.5	146.8					38
40	77.7	146.3					40
45	75.6	144.9					45
50	73.4	143.4					50
55	71.3	141.6	1,052,300	1,260,300*			55
60	69.1	139.6	942,200	1,153,200*			60
65	66.8	137.4	851,200	1,062,000*			65
70	64.5	134.9	774,600	983,400*			70
75	62.2	132.2	709,300	914,900*			75
80	59.8	129.2	653,000	854,600*			80
85	57.4	125.9	603,800	801,300*	720,500	853,700*	85
90	54.9	122.3	560,600	753,700*	672,900	805,800*	90
95	52.3	118.4	522,200	710,900*	630,400	762,600*	95
100	49.5	114.0	487,900	672,300*	592,200	723,400*	100
105	46.7	109.3	457,100	637,300*			105
110	43.7	104.0	429,200	605,300*	557,600	687,600*	110
115	40.6	98.1	403,800	576,100*	526,100	654,800*	115
120	37.2	91.4	380,500	549,200*	497,300	624,700*	120
125	33.5	83.9	359,200	524,300*	470,900	596,900*	125
130	29.3	75.0	339,400	501,300*	446,400	571,200*	130

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

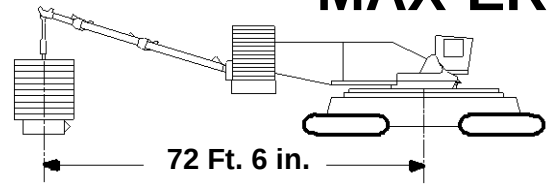
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
30	82.9	168.7	1,298,200*	1,165,400	1,713,800*			30
32	82.2	168.4	1,218,200*	1,061,200	1,609,600*	1,605,900	1,878,300*	32
34	81.4	168.0	1,147,000*	972,800	1,516,900*	1,476,200	1,770,800*	34
36	80.7	167.7	1,083,100*	896,800	1,433,800*	1,364,700	1,674,500*	36
38	80.0	167.3	1,025,600*	830,700	1,358,900*	1,267,800	1,587,700*	38
40	79.3	166.8	973,500*	772,900	1,291,100*	1,182,900	1,509,100*	40
45	77.4	165.7	862,500*	655,200	1,146,600*	1,010,300	1,341,600*	45
50	75.6	164.3	772,600*	565,100	1,029,600*	878,300	1,206,000*	50
55	73.7	162.8	698,300*	494,000	932,900*	774,000	1,094,000*	55
60	71.8	161.1	631,400*	436,500	851,700*	689,700	999,900*	60
65	69.9	159.2	574,500*	388,900	782,600*	619,900	919,700*	65
70	67.9	157.1	526,000*	348,900	722,900*	561,300	850,600*	70
75	66.0	154.8	484,100*	314,800	671,000*	511,300	790,400*	75
80	64.0	152.3	447,700*	285,300	625,300*	468,200	737,500*	80
85	61.9	149.5	415,600*	259,600	584,800*	430,700	690,600*	85
90	59.8	146.5	387,100*	237,100	548,700*	397,600	648,700*	90
95	57.7	143.3	361,800*	217,000	516,200*	368,300	611,200*	95
100	55.5	139.8	339,000*	199,100	486,500*	342,200	577,300*	100
105	53.3	136.0	318,400*	183,000	458,700*	318,600	546,500*	105
110	51.0	131.9	299,600*	168,400	433,500*	297,400	518,400*	110
115	48.6	127.4	282,600*	155,200	410,400*	278,000	492,700*	115
120	46.1	122.5	266,900*	143,100	389,400*	260,400	469,100*	120
125	43.4	117.2	252,500*	132,000	370,000*	244,200	447,300*	125
130	40.7	111.3	239,300*	121,700	352,100*	229,300	427,200*	130
135	37.7	104.8	227,000*	112,200	335,500*	215,500	408,400*	135
140	34.6	97.5	215,500*	103,400	320,100*	202,600	391,000*	140
145	31.1	89.3	204,800*	95,100	305,800*	190,700	374,700*	145
150	27.3	79.7	194,800*	87,300	292,400*	179,400	359,400*	150

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

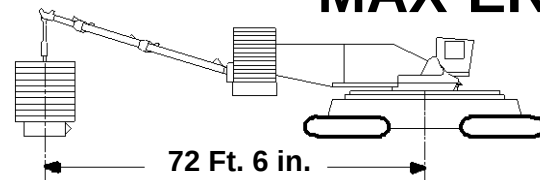
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



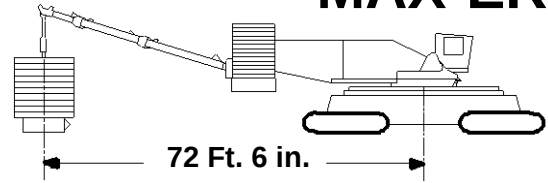
160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	599,300 Lb. Hanging Counterweight		775,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
30	82.9	168.7					30
32	82.2	168.4					32
34	81.4	168.0					34
36	80.7	167.7					36
38	80.0	167.3					38
40	79.3	166.8					40
45	77.4	165.7					45
50	75.6	164.3					50
55	73.7	162.8	1,054,200	1,255,000*			55
60	71.8	161.1	943,000	1,148,000*			60
65	69.9	159.2	851,100	1,056,900*			65
70	67.9	157.1	773,900	978,300*			70
75	66.0	154.8	708,100	909,900*			75
80	64.0	152.3	651,300	849,700*			80
85	61.9	149.5	601,800	796,400*			85
90	59.8	146.5	558,300	748,800*	719,100	848,900*	90
95	57.7	143.3	519,700	706,100*	671,200	801,000*	95
100	55.5	139.8	485,300	667,600*	628,500	757,900*	100
105	53.3	136.0	454,300	632,600*	590,100	718,700*	105
110	51.0	131.9	426,400	600,700*	555,500	682,900*	110
115	48.6	127.4	401,000	571,500*	524,000	650,200*	115
120	46.1	122.5	377,800	544,700*	495,200	620,200*	120
125	43.4	117.2	356,500	519,900*	468,900	592,500*	125
130	40.7	111.3	336,900	497,000*	444,600	566,800*	130
135	37.7	104.8	318,800	475,700*	422,200	543,000*	135
140	34.6	97.5	302,000	455,900*	401,400	520,900*	140
145	31.1	89.3	286,300	437,400*	382,000	500,200*	145
150	27.3	79.7	271,500	420,100*	363,800	480,800*	150

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
34	82.4	188.3	1,143,200*	979,100	1,513,200*	1,487,400	1,767,100*	34
36	81.8	188.0	1,079,400*	901,800	1,430,100*	1,374,000	1,670,800*	36
38	81.1	187.6	1,022,000*	834,700	1,355,300*	1,275,600	1,584,100*	38
40	80.5	187.3	969,900*	775,900	1,287,500*	1,189,400	1,505,500*	40
45	78.8	186.2	858,900*	656,600	1,143,000*	1,014,300	1,338,000*	45
50	77.2	185.0	769,000*	565,500	1,026,000*	880,700	1,202,500*	50
55	75.6	183.7	694,800*	493,600	929,400*	775,300	1,090,500*	55
60	73.9	182.2	628,100*	435,400	848,300*	690,100	996,400*	60
65	72.2	180.5	571,200*	387,400	779,100*	619,700	916,300*	65
70	70.5	178.7	522,700*	347,100	719,500*	560,600	847,200*	70
75	68.8	176.7	480,900*	312,700	667,600*	510,300	787,000*	75
80	67.1	174.5	444,500*	283,100	621,900*	466,900	734,100*	80
85	65.3	172.1	412,400*	257,200	581,500*	429,100	687,200*	85
90	63.5	169.6	384,000*	234,500	545,400*	395,800	645,400*	90
95	61.7	166.8	358,600*	214,400	513,000*	366,400	607,900*	95
100	59.9	163.9	335,800*	196,400	483,300*	340,100	574,000*	100
105	58.0	160.7	315,200*	180,200	455,600*	316,500	543,200*	105
110	56.0	157.3	296,500*	165,600	430,400*	295,100	515,200*	110
115	54.1	153.6	279,500*	152,300	407,400*	275,700	489,600*	115
120	52.0	149.6	263,900*	140,200	386,300*	258,100	466,000*	120
125	49.9	145.3	249,500*	129,100	367,000*	241,900	444,200*	125
130	47.8	140.7	236,300*	118,900	349,100*	227,000	424,100*	130
135	45.5	135.8	224,000*	109,400	332,600*	213,200	405,400*	135
140	43.2	130.4	212,600*	100,700	317,300*	200,400	388,000*	140
145	40.8	124.5	202,000*	92,500	303,000*	188,600	371,800*	145
150	38.2	118.2	192,100*	84,900	289,700*	177,500	356,600*	150
155	35.4	111.1	182,800*	77,700	277,200*	167,100	342,000*	155
160	32.5	103.2	174,100*	71,000	265,500*	157,400	328,200*	160
165	29.2	94.4	165,900*	64,600	254,400*	148,200	315,200*	165

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

200,000 Lb. Carbody Counterweight

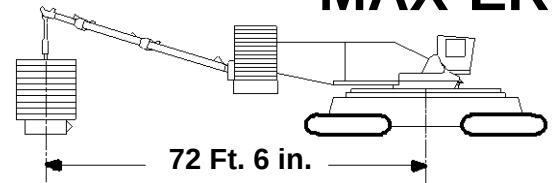
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight

at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	599,300 Lb. Hanging Counterweight		775,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
34	82.4	188.3					34
36	81.8	188.0					36
38	81.1	187.6					38
40	80.5	187.3					40
45	78.8	186.2					45
50	77.2	185.0					50
55	75.6	183.7	1,057,300	1,251,500*			55
60	73.9	182.2	944,900	1,144,600*			60
65	72.2	180.5	852,200	1,053,500*			65
70	70.5	178.7	774,300	974,900*			70
75	68.8	176.7	708,000	906,500*			75
80	67.1	174.5	650,800	846,300*			80
85	65.3	172.1	601,000	793,000*			85
90	63.5	169.6	557,200	745,500*	718,800	845,600*	90
95	61.7	166.8	518,500	702,800*	670,600	797,800*	95
100	59.9	163.9	483,800	664,300*	627,700	754,600*	100
105	58.0	160.7	452,800	629,300*	589,200	715,400*	105
110	56.0	157.3	424,700	597,500*	554,400	679,700*	110
115	54.1	153.6	399,200	568,300*	522,800	647,100*	115
120	52.0	149.6	376,000	541,500*	494,000	617,100*	120
125	49.9	145.3	354,700	516,800*	467,600	589,400*	125
130	47.8	140.7	335,100	493,900*	443,300	563,800*	130
135	45.5	135.8	317,000	472,700*	420,900	540,000*	135
140	43.2	130.4	300,300	453,000*	400,200	517,900*	140
145	40.8	124.5	284,700	434,600*	380,900	497,300*	145
150	38.2	118.2	270,200	417,300*	362,900	478,000*	150
155	35.4	111.1	256,600	401,200*	346,100	459,900*	155
160	32.5	103.2	243,800	386,000*	330,300	442,900*	160
165	29.2	94.4	231,800	371,600*	315,400	426,900*	165

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

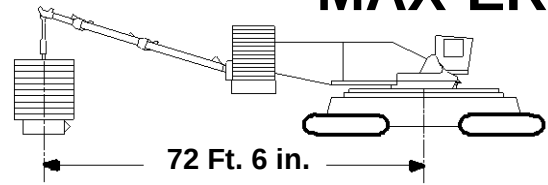
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
36	82.6	208.2	1,075,900*	910,000	1,426,600*	1,387,000	1,667,300*			36
38	82.0	207.9	1,018,300*	841,400	1,351,600*	1,286,500	1,580,400*			38
40	81.4	207.6	966,200*	781,400	1,283,800*	1,198,600	1,501,800*			40
45	80.0	206.6	855,000*	659,600	1,139,100*	1,020,200	1,334,100*			45
50	78.5	205.6	765,000*	566,800	1,022,100*	884,300	1,198,500*			50
55	77.0	204.4	690,700*	493,700	925,300*	777,300	1,086,400*			55
60	75.6	203.0	624,500*	434,600	844,100*	690,800	992,200*	947,300	1,140,400*	60
65	74.1	201.6	567,500*	385,800	774,900*	619,500	912,000*	853,300	1,049,200*	65
70	72.6	199.9	518,900*	344,900	715,200*	559,600	842,900*	774,500	970,600*	70
75	71.0	198.2	476,900*	310,000	663,200*	508,700	782,600*	707,400	902,100*	75
80	69.5	196.2	440,400*	280,000	617,500*	464,800	729,700*	649,600	841,900*	80
85	67.9	194.1	408,300*	253,900	577,000*	426,500	682,800*	599,300	788,600*	85
90	66.4	191.9	379,800*	230,900	540,900*	392,900	640,900*	555,100	741,000*	90
95	64.8	189.5	354,400*	210,500	508,400*	363,200	603,400*	516,000	698,300*	95
100	63.2	186.9	331,500*	192,300	479,100*	336,600	569,400*	481,100	659,700*	100
105	61.5	184.1	310,900*	176,000	451,300*	312,800	538,700*	449,700	624,700*	105
110	59.9	181.2	292,200*	161,200	426,000*	291,300	510,600*	421,400	592,900*	110
115	58.2	178.0	275,100*	147,800	403,000*	271,800	484,900*	395,800	563,700*	115
120	56.5	174.7	259,500*	135,600	381,900*	254,000	461,300*	372,400	536,900*	120
125	54.7	171.1	245,100*	124,400	362,600*	237,600	439,600*	350,900	512,200*	125
130	52.9	167.2	231,800*	114,100	344,700*	222,600	419,400*	331,200	489,300*	130
135	51.0	163.1	219,600*	104,600	328,200*	208,800	400,800*	313,100	468,100*	135
140	49.1	158.7	208,200*	95,800	312,800*	196,000	383,400*	296,300	448,300*	140
145	47.2	154.1	197,600*	87,600	298,500*	184,100	367,200*	280,600	429,900*	145
150	45.1	149.0	187,600*	79,900	285,200*	173,000	352,000*	266,100	412,700*	150
155	43.0	143.6	178,400*	72,800	272,700*	162,600	337,500*	252,500	396,500*	155
160	40.8	137.8	169,700*	66,100	261,000*	152,900	323,800*	239,800	381,400*	160
165	38.5	131.5	161,500*	59,800	250,000*	143,800	310,800*	227,800	367,100*	165
170	36.1	124.6	153,800*	53,800	239,700*	135,100	298,600*	216,500	353,600*	170
175	33.5	117.0	146,500*	48,200	229,900*	127,000	287,200*	205,900	340,900*	175
180	30.7	108.6	139,500*	42,800	220,600*	119,300	276,300*	195,800	328,800*	180
185	27.6	99.2	133,000*	37,700	211,800*	111,900	266,000*	186,200	317,400*	185

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

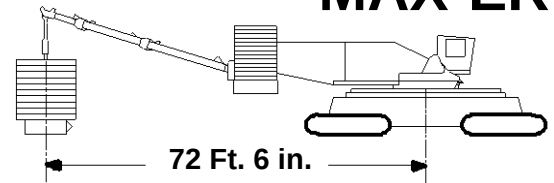
458,700 Lb. Crane Counterweight

200,000 Lb. Carbody Counterweight

 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
36	82.6	208.2					36
38	82.0	207.9					38
40	81.4	207.6					40
45	80.0	206.6					45
50	78.5	205.6					50
55	77.0	204.4					55
60	75.6	203.0					60
65	74.1	201.6					65
70	72.6	199.9					70
75	71.0	198.2					75
80	69.5	196.2					80
85	67.9	194.1					85
90	66.4	191.9					90
95	64.8	189.5	668,900	793,200*			95
100	63.2	186.9	625,600	750,000*			100
105	61.5	184.1	586,700	710,800*			105
110	59.9	181.2	551,700	675,100*			110
115	58.2	178.0	519,900	642,400*			115
120	56.5	174.7	490,900	612,400*			120
125	54.7	171.1	464,300	584,700*			125
130	52.9	167.2	439,900	559,100*			130
135	51.0	163.1	417,400	535,400*			135
140	49.1	158.7	396,600	513,300*			140
145	47.2	154.1	377,300	492,600*			145
150	45.1	149.0	359,200	473,300*	452,500	534,000*	150
155	43.0	143.6	342,400	455,300*	432,400	514,000*	155
160	40.8	137.8	326,700	438,300*	413,700	495,200*	160
165	38.5	131.5	311,900	422,300*	396,100	477,600*	165
170	36.1	124.6	298,000	407,200*	379,500	460,900*	170
175	33.5	117.0	284,800	393,000*	363,800	445,100*	175
180	30.7	108.6	272,400	379,500*	349,000	430,200*	180
185	27.6	99.2	260,600	366,700*	335,000	416,000*	185

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

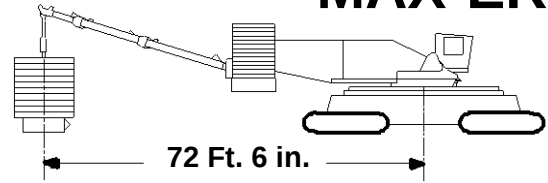
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
38	82.7	228.2	1,014,400*	846,700	1,347,700*	1,295,400	1,576,500*			38
40	82.2	227.9	962,200*	785,500	1,279,800*	1,205,900	1,497,800*			40
45	80.9	227.0	850,900*	661,500	1,135,100*	1,024,700	1,330,100*			45
50	79.6	226.0	760,900*	567,200	1,017,900*	886,800	1,194,300*			50
55	78.2	224.9	686,400*	493,000	921,100*	778,300	1,082,100*			55
60	76.9	223.7	620,700*	433,100	839,800*	690,700	987,900*	948,500	1,136,100*	60
65	75.6	222.4	563,600*	383,700	770,500*	618,500	907,600*	853,500	1,044,800*	65
70	74.2	220.9	514,900*	342,300	710,700*	558,000	838,400*	773,900	966,100*	70
75	72.8	219.3	472,900*	307,000	658,700*	506,500	778,200*	706,200	897,600*	75
80	71.5	217.6	436,300*	276,600	613,000*	462,200	725,200*	647,800	837,400*	80
85	70.1	215.7	404,100*	250,200	572,400*	423,600	678,200*	597,100	784,000*	85
90	68.7	213.7	375,500*	226,900	536,300*	389,700	636,300*	552,500	736,400*	90
95	67.2	211.6	350,100*	206,400	503,800*	359,600	598,700*	513,000	693,700*	95
100	65.8	209.3	327,200*	188,000	474,500*	332,900	564,800*	477,800	655,100*	100
105	64.4	206.9	306,500*	171,500	446,900*	308,800	534,000*	446,300	620,100*	105
110	62.9	204.2	287,800*	156,600	421,600*	287,200	505,900*	417,800	588,200*	110
115	61.4	201.5	270,700*	143,100	398,600*	267,500	480,200*	391,900	559,000*	115
120	59.9	198.5	255,000*	130,800	377,500*	249,500	456,600*	368,400	532,200*	120
125	58.4	195.4	240,600*	119,500	358,100*	233,100	434,900*	346,800	507,400*	125
130	56.8	192.1	227,300*	109,100	340,200*	218,000	414,700*	327,000	484,600*	130
135	55.2	188.5	215,100*	99,600	323,600*	204,100	396,000*	308,800	463,300*	135
140	53.6	184.8	203,600*	90,700	308,300*	191,200	378,700*	291,900	443,600*	140
145	51.9	180.8	193,000*	82,400	294,000*	179,300	362,400*	276,200	425,200*	145
150	50.2	176.6	183,100*	74,800	280,700*	168,100	347,300*	261,600	407,900*	150
155	48.5	172.1	173,800*	67,600	268,200*	157,700	333,000*	247,900	391,800*	155
160	46.7	167.4	165,100*	60,900	256,500*	148,000	319,200*	235,200	376,600*	160
165	44.8	162.3	156,900*	54,500	245,500*	138,800	306,300*	223,200	362,400*	165
170	42.9	156.8	149,200*	48,600	235,100*	130,200	294,100*	212,000	348,900*	170
175	40.9	151.0	141,900*	43,000	225,400*	122,100	282,600*	201,300	336,200*	175
180	38.8	144.8	135,100*	37,700	216,100*	114,500	271,800*	191,300	324,200*	180
185	36.6	138.0	128,500*	32,600	207,400*	107,200	261,500*	181,800	312,800*	185
190	34.3	130.7	122,300*	27,800	199,100*	100,300	251,800*	172,800	301,900*	190
195	31.8	122.6	115,800*	23,200	191,200*	93,700	242,500*	164,300	291,600*	195
200	29.2	113.7	109,100*	18,800	183,700*	87,400	233,700*	156,100	281,800*	200
205	26.3	103.7	102,600*	14,600	176,500*	81,400	225,300*	148,300	272,400*	205

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

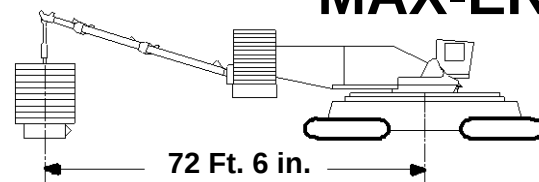
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
38	82.7	228.2					38
40	82.2	227.9					40
45	80.9	227.0					45
50	79.6	226.0					50
55	78.2	224.9					55
60	76.9	223.7					60
65	75.6	222.4					65
70	74.2	220.9					70
75	72.8	219.3					75
80	71.5	217.6					80
85	70.1	215.7					85
90	68.7	213.7					90
95	67.2	211.6	666,500	788,600*			95
100	65.8	209.3	622,900	745,400*			100
105	64.4	206.9	583,800	706,200*			105
110	62.9	204.2	548,500	670,500*			110
115	61.4	201.5	516,500	637,800*			115
120	59.9	198.5	487,300	607,700*			120
125	58.4	195.4	460,600	580,000*			125
130	56.8	192.1	436,100	554,400*			130
135	55.2	188.5	413,500	530,600*			135
140	53.6	184.8	392,500	508,500*			140
145	51.9	180.8	373,100	487,900*			145
150	50.2	176.6	355,100	468,600*	448,600	529,300*	150
155	48.5	172.1	338,200	450,500*	428,500	509,300*	155
160	46.7	167.4	322,400	433,600*	409,700	490,500*	160
165	44.8	162.3	307,600	417,600*	392,100	472,800*	165
170	42.9	156.8	293,700	402,500*	375,500	456,200*	170
175	40.9	151.0	280,600	388,300*	359,900	440,500*	175
180	38.8	144.8	268,200	374,900*	345,200	425,600*	180
185	36.6	138.0	256,500	362,100*	331,300	411,500*	185
190	34.3	130.7	245,400	350,000*	318,100	398,100*	190
195	31.8	122.6	234,900	338,500*	305,500	385,300*	195
200	29.2	113.7	224,800	327,500*	293,500	373,200*	200
205	26.3	103.7	215,100	317,000*	282,100	361,600*	205

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

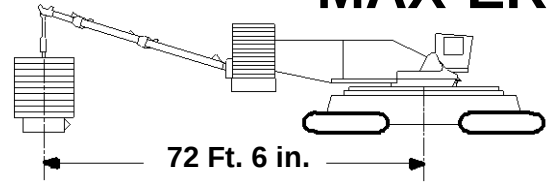
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



240 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
40	82.9	248.1	960,000*	792,400	1,277,600*	1,216,500	1,495,600*			40
45	81.7	247.3	848,600*	666,200	1,132,700*	1,032,200	1,327,700*			45
50	80.5	246.4	758,500*	570,300	1,015,500*	892,100	1,191,900*			50
55	79.2	245.4	684,000*	495,000	918,700*	782,100	1,079,700*			55
60	78.0	244.3	618,700*	434,200	837,300*	693,400	985,500*	952,700	1,133,600*	60
65	76.8	243.1	561,500*	384,200	768,000*	620,300	905,200*	856,700	1,042,300*	65
70	75.5	241.8	512,800*	342,300	708,300*	559,100	836,000*	776,200	963,700*	70
75	74.3	240.3	470,700*	306,600	656,200*	507,100	775,700*	707,700	895,100*	75
80	73.1	238.7	434,100*	275,900	610,400*	462,300	722,600*	648,800	834,900*	80
85	71.8	237.1	401,900*	249,200	569,900*	423,300	675,700*	597,600	781,500*	85
90	70.5	235.2	373,300*	225,700	533,700*	389,100	633,800*	552,700	733,900*	90
95	69.2	233.3	347,800*	204,900	501,300*	358,900	596,200*	512,900	691,100*	95
100	68.0	231.2	324,900*	186,400	471,900*	331,900	562,200*	477,400	652,500*	100
105	66.6	229.0	304,200*	169,800	444,600*	307,700	531,400*	445,600	617,500*	105
110	65.3	226.7	285,500*	154,800	419,300*	285,800	503,400*	416,900	585,600*	110
115	64.0	224.2	268,300*	141,200	396,200*	266,000	477,700*	390,900	556,400*	115
120	62.6	221.6	252,700*	128,700	375,100*	247,900	454,000*	367,200	529,600*	120
125	61.3	218.8	238,300*	117,400	355,700*	231,400	432,300*	345,500	504,900*	125
130	59.9	215.8	225,000*	106,900	337,800*	216,200	412,100*	325,600	482,000*	130
135	58.5	212.7	212,700*	97,300	321,200*	202,200	393,500*	307,200	460,800*	135
140	57.1	209.4	201,200*	88,400	305,900*	189,300	376,100*	290,300	441,000*	140
145	55.6	206.0	190,600*	80,100	291,600*	177,300	359,900*	274,500	422,600*	145
150	54.1	202.3	180,700*	72,400	278,300*	166,100	344,700*	259,800	405,400*	150
155	52.6	198.4	171,400*	65,200	265,800*	155,600	330,500*	246,100	389,200*	155
160	51.1	194.4	162,700*	58,400	254,100*	145,900	316,800*	233,300	374,100*	160
165	49.5	190.0	154,500*	52,100	243,100*	136,700	303,900*	221,400	359,800*	165
170	47.9	185.5	146,800*	46,100	232,700*	128,100	291,700*	210,100	346,400*	170
175	46.2	180.6	139,600*	40,500	223,000*	120,000	280,300*	199,500	333,700*	175
180	44.5	175.5	132,700*	35,200	213,800*	112,300	269,400*	189,400	321,700*	180
185	42.8	170.1	126,200*	30,200	205,000*	105,000	259,200*	180,000	310,300*	185
190	40.9	164.3	120,000*	25,400	196,800*	98,200	249,500*	171,000	299,500*	190
195	39.0	158.1	113,300*	20,800	188,900*	91,600	240,200*	162,500	289,200*	195
200	37.0	151.4	106,700*	16,500	181,400*	85,400	231,500*	154,400	279,400*	200
205	35.0	144.2	100,300*	12,400	174,300*	79,500	223,100*	146,600	270,100*	205
210	32.7	136.5	94,200*	8,400	167,500*	73,800	215,100*	139,300	261,200*	210
215	30.4	128.0	88,400*	4,600	161,000*	68,400	207,500*	132,200	252,700*	215
220	27.9	118.6	82,800*		154,800*	63,200	200,200*	125,400	244,500*	220

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

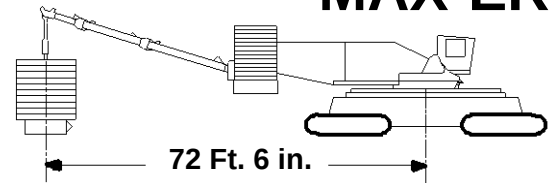
458,700 Lb. Crane Counterweight

200,000 Lb. Carbody Counterweight

 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


240 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
40	82.9	248.1					40
45	81.7	247.3					45
50	80.5	246.4					50
55	79.2	245.4					55
60	78.0	244.3					60
65	76.8	243.1					65
70	75.5	241.8					70
75	74.3	240.3					75
80	73.1	238.7					80
85	71.8	237.1					85
90	70.5	235.2					90
95	69.2	233.3	667,000	786,000*			95
100	68.0	231.2	623,100	742,800*			100
105	66.6	229.0	583,700	703,600*			105
110	65.3	226.7	548,100	667,900*			110
115	64.0	224.2	515,900	635,200*			115
120	62.6	221.6	486,600	605,100*			120
125	61.3	218.8	459,700	577,400*			125
130	59.9	215.8	435,000	551,800*			130
135	58.5	212.7	412,300	528,100*			135
140	57.1	209.4	391,300	505,900*			140
145	55.6	206.0	371,800	485,300*			145
150	54.1	202.3	353,600	466,000*	447,500	526,700*	150
155	52.6	198.4	336,700	448,000*	427,400	506,700*	155
160	51.1	194.4	320,900	431,000*	408,500	488,000*	160
165	49.5	190.0	306,100	415,100*	390,800	470,300*	165
170	47.9	185.5	292,100	400,000*	374,200	453,700*	170
175	46.2	180.6	279,000	385,800*	358,600	437,900*	175
180	44.5	175.5	266,600	372,400*	343,900	423,100*	180
185	42.8	170.1	254,900	359,600*	330,000	409,000*	185
190	40.9	164.3	243,900	347,500*	316,800	395,600*	190
195	39.0	158.1	233,300	336,000*	304,300	382,900*	195
200	37.0	151.4	223,300	325,100*	292,400	370,800*	200
205	35.0	144.2	213,800	314,700*	281,100	359,300*	205
210	32.7	136.5	204,700	304,700*	270,300	348,300*	210
215	30.4	128.0	196,000	295,200*	259,900	337,800*	215
220	27.9	118.6	187,700	286,100*	250,000	327,700*	220

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

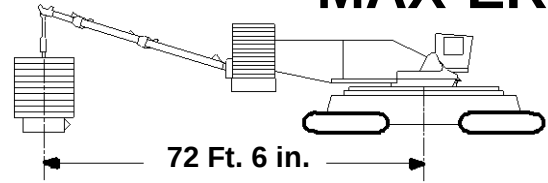
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



260 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.3	267.5	844,200*	668,500	1,128,400*	1,037,500	1,323,400*			45
50	81.2	266.7	754,000*	571,000	1,011,100*	895,100	1,187,500*			50
55	80.1	265.8	679,500*	494,400	914,200*	783,400	1,075,200*			55
60	78.9	264.8	614,700*	432,800	832,800*	693,500	980,900*	954,400	1,129,100*	60
65	77.8	263.7	557,400*	382,000	763,400*	619,500	900,600*	857,200	1,037,800*	65
70	76.7	262.5	508,600*	339,500	703,600*	557,600	831,300*	775,700	959,000*	70
75	75.5	261.1	466,500*	303,400	651,500*	504,900	771,000*	706,600	890,400*	75
80	74.4	259.7	429,800*	272,400	605,700*	459,700	718,000*	647,100	830,200*	80
85	73.2	258.1	397,500*	245,400	565,200*	420,300	671,000*	595,400	776,800*	85
90	72.1	256.5	368,900*	221,600	529,000*	385,800	629,100*	550,000	729,100*	90
95	70.9	254.7	343,400*	200,700	496,500*	355,200	591,400*	509,900	686,400*	95
100	69.7	252.8	320,400*	181,900	467,200*	328,000	557,500*	474,100	647,800*	100
105	68.6	250.8	299,700*	165,200	440,100*	303,600	526,700*	442,100	612,700*	105
110	67.4	248.7	280,900*	150,000	414,800*	281,600	498,600*	413,200	580,800*	110
115	66.1	246.4	263,800*	136,300	391,700*	261,600	472,900*	387,000	551,600*	115
120	64.9	244.1	248,100*	123,800	370,500*	243,400	449,200*	363,100	524,800*	120
125	63.7	241.5	233,700*	112,300	351,100*	226,700	427,500*	341,300	500,000*	125
130	62.4	238.9	220,400*	101,800	333,200*	211,500	407,300*	321,200	477,200*	130
135	61.2	236.1	208,100*	92,100	316,600*	197,400	388,600*	302,700	455,900*	135
140	59.9	233.2	196,600*	83,100	301,300*	184,300	371,200*	285,600	436,200*	140
145	58.6	230.1	186,000*	74,700	287,000*	172,200	355,000*	269,800	417,800*	145
150	57.3	226.8	176,100*	67,000	273,600*	161,000	339,900*	255,000	400,500*	150
155	56.0	223.4	166,800*	59,700	261,100*	150,500	325,700*	241,300	384,400*	155
160	54.6	219.8	158,100*	52,900	249,400*	140,700	312,200*	228,400	369,200*	160
165	53.2	216.0	149,900*	46,600	238,400*	131,400	299,200*	216,400	355,000*	165
170	51.8	212.0	142,200*	40,600	228,100*	122,800	287,100*	205,100	341,500*	170
175	50.4	207.9	134,900*	34,900	218,300*	114,600	275,600*	194,400	328,900*	175
180	48.9	203.4	128,000*	29,600	209,100*	107,000	264,800*	184,400	316,800*	180
185	47.4	198.8	121,500*	24,600	200,400*	99,700	254,500*	174,900	305,500*	185
190	45.9	193.9	114,600*	19,800	192,100*	92,800	244,800*	165,900	294,700*	190
195	44.3	188.8	107,600*	15,200	184,300*	86,300	235,600*	157,400	284,400*	195
200	42.7	183.3	101,000*	10,900	176,800*	80,100	226,800*	149,300	274,600*	200
205	41.0	177.5	94,600*	6,800	169,700*	74,200	218,500*	141,500	265,300*	205
210	39.2	171.3	88,600*	2,900	162,900*	68,500	210,500*	134,200	256,500*	210
215	37.4	164.8	82,800*		156,400*	63,100	202,900*	127,200	248,000*	215
220	35.5	157.7	77,300*		150,300*	58,000	195,700*	120,500	239,900*	220
225	33.5	150.2	72,000*		144,300*	53,000	188,700*	114,100	232,100*	225
230	31.4	142.0	66,900*		138,700*	48,300	182,100*	107,900	224,600*	230
240	26.7	123.2	57,300*		128,000*	39,300	169,600*	96,200	210,600*	240

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

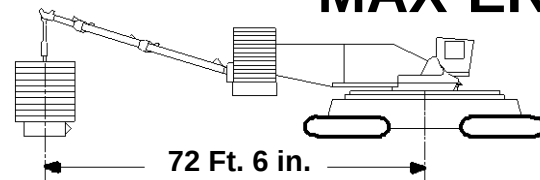
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



260 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.3	267.5					45
50	81.2	266.7					50
55	80.1	265.8					55
60	78.9	264.8					60
65	77.8	263.7					65
70	76.7	262.5					70
75	75.5	261.1					75
80	74.4	259.7					80
85	73.2	258.1					85
90	72.1	256.5					90
95	70.9	254.7					95
100	69.7	252.8	620,400	738,100*			100
105	68.6	250.8	580,700	698,800*			105
110	67.4	248.7	544,900	663,100*			110
115	66.1	246.4	512,400	630,400*			115
120	64.9	244.1	482,900	600,300*			120
125	63.7	241.5	455,800	572,600*			125
130	62.4	238.9	431,000	547,000*			130
135	61.2	236.1	408,200	523,200*			135
140	59.9	233.2	387,000	501,100*			140
145	58.6	230.1	367,400	480,500*			145
150	57.3	226.8	349,200	461,200*	443,400	521,900*	150
155	56.0	223.4	332,200	443,200*	423,100	501,900*	155
160	54.6	219.8	316,300	426,200*	404,200	483,100*	160
165	53.2	216.0	301,400	410,200*	386,400	465,500*	165
170	51.8	212.0	287,400	395,200*	369,800	448,800*	170
175	50.4	207.9	274,200	381,000*	354,100	433,100*	175
180	48.9	203.4	261,800	367,500*	339,300	418,200*	180
185	47.4	198.8	250,100	354,800*	325,400	404,200*	185
190	45.9	193.9	239,000	342,700*	312,200	390,800*	190
195	44.3	188.8	228,500	331,300*	299,600	378,100*	195
200	42.7	183.3	218,500	320,300*	287,800	366,000*	200
205	41.0	177.5	209,000	309,900*	276,500	354,500*	205
210	39.2	171.3	199,900	300,000*	265,700	343,500*	210
215	37.4	164.8	191,300	290,500*	255,400	333,100*	215
220	35.5	157.7	183,000	281,400*	245,600	323,000*	220
225	33.5	150.2	175,100	272,800*	236,200	313,400*	225
230	31.4	142.0	167,500	264,400*	227,200	304,200*	230
240	26.7	123.2	153,200	248,700*	210,200	286,900*	240

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

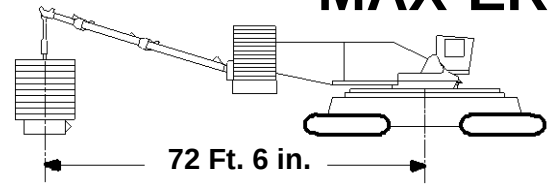
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



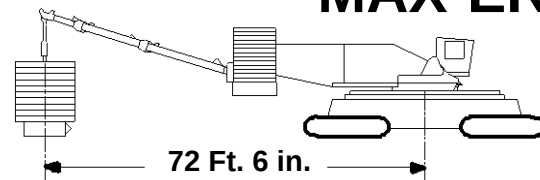
280 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.9	287.8	841,300*	672,600	1,125,400*	1,044,600	1,320,400*			45
50	81.8	287.0	751,100*	573,400	1,008,100*	900,000	1,184,500*			50
55	80.8	286.2	676,500*	495,700	911,200*	786,700	1,072,200*			55
60	79.8	285.2	612,100*	433,200	829,800*	695,500	977,900*			60
65	78.7	284.2	554,800*	381,800	760,400*	620,700	897,600*	859,700	1,034,700*	65
70	77.7	283.0	505,900*	338,800	700,600*	558,000	828,300*	777,400	956,000*	70
75	76.6	281.8	463,800*	302,300	648,500*	504,800	767,900*	707,500	887,400*	75
80	75.5	280.5	427,100*	270,900	602,700*	459,100	714,900*	647,400	827,100*	80
85	74.5	279.1	394,800*	243,600	562,100*	419,400	667,900*	595,300	773,700*	85
90	73.4	277.5	366,100*	219,700	525,900*	384,500	626,000*	549,500	726,100*	90
95	72.3	275.9	340,600*	198,500	493,500*	353,700	588,400*	509,000	683,300*	95
100	71.3	274.2	317,600*	179,600	464,100*	326,300	554,400*	473,000	644,700*	100
105	70.2	272.3	296,900*	162,700	437,200*	301,700	523,600*	440,700	609,700*	105
110	69.1	270.4	278,100*	147,400	411,900*	279,500	495,500*	411,600	577,800*	110
115	68.0	268.3	261,000*	133,600	388,800*	259,400	469,800*	385,200	548,600*	115
120	66.8	266.1	245,300*	121,000	367,700*	241,100	446,200*	361,200	521,700*	120
125	65.7	263.8	230,800*	109,500	348,300*	224,300	424,400*	339,200	497,000*	125
130	64.6	261.4	217,500*	98,900	330,300*	208,900	404,300*	319,100	474,100*	130
135	63.4	258.9	205,200*	89,100	313,800*	194,700	385,600*	300,500	452,900*	135
140	62.3	256.2	193,800*	80,100	298,400*	181,600	368,200*	283,300	433,100*	140
145	61.1	253.4	183,100*	71,700	284,100*	169,500	352,000*	267,400	414,700*	145
150	59.9	250.5	173,200*	63,900	270,700*	158,200	336,800*	252,600	397,500*	150
155	58.7	247.4	163,900*	56,600	258,300*	147,600	322,600*	238,700	381,400*	155
160	57.5	244.2	155,200*	49,800	246,600*	137,800	309,300*	225,800	366,200*	160
165	56.3	240.8	147,000*	43,400	235,600*	128,500	296,400*	213,700	352,000*	165
170	55.0	237.3	139,300*	37,400	225,200*	119,800	284,200*	202,400	338,500*	170
175	53.7	233.5	132,000*	31,700	215,500*	111,700	272,700*	191,700	325,900*	175
180	52.4	229.7	125,200*	26,400	206,200*	104,000	261,900*	181,600	313,900*	180
185	51.1	225.6	118,600*	21,300	197,500*	96,700	251,700*	172,100	302,500*	185
190	49.8	221.3	111,300*	16,500	189,300*	89,800	242,000*	163,100	291,700*	190
195	48.4	216.8	104,300*	12,000	181,400*	83,200	232,800*	154,500	281,500*	195
200	47.0	212.1	97,600*	7,700	174,000*	77,000	224,000*	146,400	271,700*	200
205	45.6	207.2	91,300*	3,600	166,900*	71,100	215,700*	138,700	262,400*	205
210	44.1	202.0	85,300*		160,100*	65,500	207,700*	131,400	253,600*	210
215	42.6	196.5	79,500*		153,700*	60,100	200,200*	124,400	245,100*	215
220	41.0	190.7	74,000*		147,500*	55,000	192,900*	117,700	237,000*	220
225	39.4	184.6	68,800*		141,600*	50,100	186,000*	111,300	229,200*	225
230	37.7	178.1	63,700*		135,900*	45,400	179,400*	105,200	221,800*	230
240	34.1	163.8	54,200*		125,300*	36,500	166,900*	93,700	207,900*	240
250	30.2	147.3	45,400*		115,500*	28,300	155,400*	83,000	194,900*	250

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


280 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.9	287.8							45
50	81.8	287.0							50
55	80.8	286.2							55
60	79.8	285.2							60
65	78.7	284.2							65
70	77.7	283.0							70
75	76.6	281.8							75
80	75.5	280.5							80
85	74.5	279.1							85
90	73.4	277.5							90
95	72.3	275.9							95
100	71.3	274.2	619,800	735,000*					100
105	70.2	272.3	579,800	695,800*					105
110	69.1	270.4	543,800	660,000*					110
115	68.0	268.3	511,100	627,300*					115
120	66.8	266.1	481,400	597,300*					120
125	65.7	263.8	454,200	569,600*					125
130	64.6	261.4	429,200	544,000*					130
135	63.4	258.9	406,300	520,200*					135
140	62.3	256.2	385,000	498,100*					140
145	61.1	253.4	365,300	477,500*					145
150	59.9	250.5	347,000	458,200*					150
155	58.7	247.4	329,900	440,100*	421,100	498,900*			155
160	57.5	244.2	313,900	423,200*	402,100	480,100*			160
165	56.3	240.8	299,000	407,200*	384,300	462,500*			165
170	55.0	237.3	285,000	392,200*	367,600	445,800*			170
175	53.7	233.5	271,800	378,000*	351,900	430,100*			175
180	52.4	229.7	259,300	364,600*	337,100	415,300*			180
185	51.1	225.6	247,500	351,800*	323,100	401,200*			185
190	49.8	221.3	236,400	339,800*	309,800	387,800*			190
195	48.4	216.8	225,900	328,300*	297,300	375,100*			195
200	47.0	212.1	215,900	317,400*	285,400	363,100*			200
205	45.6	207.2	206,400	307,000*	274,100	351,600*			205
210	44.1	202.0	197,300	297,100*	263,300	340,600*			210
215	42.6	196.5	188,700	287,600*	253,000	330,200*			215
220	41.0	190.7	180,500	278,600*	243,300	320,200*	306,100	361,700*	220
225	39.4	184.6	172,600	269,900*	233,900	310,600*	295,200	351,200*	225
230	37.7	178.1	165,000	261,600*	224,900	301,400*	284,900	341,200*	230
240	34.1	163.8	150,900	246,000*	208,100	284,200*	265,400	322,300*	240
250	30.2	147.3	137,700	231,600*	192,500	268,200*	247,400	304,900*	250

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

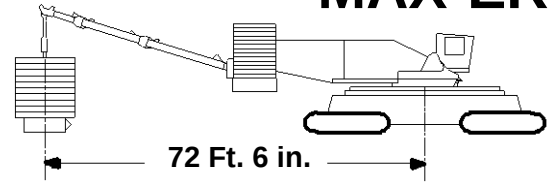
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



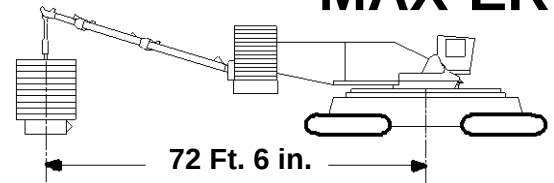
300 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.4	307.2	746,500*	573,100	1,003,500*	901,500	1,179,900*			50
55	81.4	306.5	671,900*	494,300	906,500*	786,800	1,067,600*			55
60	80.4	305.6	607,900*	431,000	825,100*	694,600	973,200*			60
65	79.5	304.6	550,500*	379,000	755,700*	618,900	892,800*	859,000	1,030,000*	65
70	78.5	303.6	501,600*	335,500	695,800*	555,700	823,500*	775,900	951,200*	70
75	77.5	302.4	459,400*	298,600	643,700*	502,000	763,200*	705,400	882,600*	75
80	76.5	301.2	422,600*	266,900	597,900*	455,800	710,100*	644,900	822,300*	80
85	75.5	299.9	390,300*	239,400	557,300*	415,800	663,100*	592,300	768,900*	85
90	74.6	298.4	361,600*	215,200	521,100*	380,600	621,200*	546,200	721,200*	90
95	73.6	296.9	336,000*	193,900	488,600*	349,600	583,500*	505,400	678,500*	95
100	72.6	295.3	313,100*	174,800	459,300*	321,900	549,500*	469,100	639,800*	100
105	71.5	293.6	292,300*	157,800	432,600*	297,200	518,700*	436,600	604,800*	105
110	70.5	291.8	273,500*	142,400	407,300*	274,800	490,600*	407,300	572,900*	110
115	69.5	289.9	256,300*	128,500	384,200*	254,600	464,900*	380,800	543,700*	115
120	68.5	287.9	240,600*	115,800	363,000*	236,100	441,300*	356,600	516,800*	120
125	67.4	285.8	226,100*	104,100	343,600*	219,300	419,500*	334,500	492,100*	125
130	66.4	283.6	212,800*	93,500	325,700*	203,800	399,400*	314,200	469,200*	130
135	65.3	281.2	200,500*	83,600	309,100*	189,600	380,700*	295,600	448,000*	135
140	64.3	278.8	189,000*	74,500	293,700*	176,400	363,300*	278,300	428,200*	140
145	63.2	276.2	178,400*	66,100	279,400*	164,200	347,100*	262,300	409,800*	145
150	62.1	273.5	168,500*	58,300	266,000*	152,800	331,900*	247,400	392,600*	150
155	61.0	270.7	159,200*	50,900	253,500*	142,200	317,700*	233,500	376,500*	155
160	59.9	267.8	150,500*	44,100	241,800*	132,300	304,400*	220,600	361,300*	160
165	58.8	264.7	142,300*	37,700	230,800*	123,000	291,600*	208,400	347,100*	165
170	57.7	261.5	134,600*	31,600	220,500*	114,300	279,500*	197,000	333,600*	170
175	56.5	258.2	127,300*	25,900	210,700*	106,100	268,000*	186,300	320,900*	175
180	55.4	254.7	120,400*	20,600	201,500*	98,400	257,200*	176,200	308,900*	180
185	54.2	251.0	112,700*	15,500	192,800*	91,000	246,900*	166,600	297,600*	185
190	53.0	247.2	105,300*	10,700	184,500*	84,100	237,200*	157,600	286,800*	190
195	51.7	243.3	98,300*	6,100	176,700*	77,600	228,000*	149,000	276,600*	195
200	50.5	239.1	91,600*	1,800	169,200*	71,300	219,200*	140,900	266,800*	200
205	49.2	234.7	85,300*		162,100*	65,400	210,900*	133,200	257,500*	205
210	48.0	230.2	79,300*		155,400*	59,800	203,000*	125,900	248,700*	210
215	46.6	225.4	73,500*		148,900*	54,400	195,400*	118,800	240,200*	215
220	45.3	220.5	68,100*		142,800*	49,300	188,200*	112,200	232,100*	220
225	43.9	215.2	62,800*		136,900*	44,400	181,300*	105,800	224,400*	225
230	42.5	209.7	57,800*		131,200*	39,700	174,600*	99,700	217,000*	230
240	39.5	197.9	48,300*		120,600*	30,800	162,200*	88,200	203,000*	240
250	36.4	184.6	39,600*		110,800*	22,700	150,800*	77,600	190,200*	250
260	32.9	169.7			101,800*	15,100	140,100*	67,700	178,200*	260
270	29.1	152.4			93,300*	8,000	130,300*	58,600	167,100*	270

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


300 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.4	307.2							50
55	81.4	306.5							55
60	80.4	305.6							60
65	79.5	304.6							65
70	78.5	303.6							70
75	77.5	302.4							75
80	76.5	301.2							80
85	75.5	299.9							85
90	74.6	298.4							90
95	73.6	296.9							95
100	72.6	295.3	616,400	730,100*					100
105	71.5	293.6	576,200	690,900*					105
110	70.5	291.8	539,900	655,200*					110
115	69.5	289.9	507,100	622,400*					115
120	68.5	287.9	477,200	592,400*					120
125	67.4	285.8	449,800	564,700*					125
130	66.4	283.6	424,700	539,000*					130
135	65.3	281.2	401,600	515,300*					135
140	64.3	278.8	380,300	493,200*					140
145	63.2	276.2	360,500	472,500*					145
150	62.1	273.5	342,100	453,300*					150
155	61.0	270.7	324,900	435,200*	416,400	494,000*			155
160	59.9	267.8	308,900	418,300*	397,300	475,200*			160
165	58.8	264.7	293,900	402,300*	379,400	457,500*			165
170	57.7	261.5	279,800	387,300*	362,600	440,900*			170
175	56.5	258.2	266,600	373,100*	346,900	425,200*			175
180	55.4	254.7	254,100	359,600*	332,000	410,300*			180
185	54.2	251.0	242,300	346,900*	318,000	396,300*			185
190	53.0	247.2	231,100	334,900*	304,700	382,900*			190
195	51.7	243.3	220,600	323,400*	292,100	370,200*			195
200	50.5	239.1	210,500	312,500*	280,200	358,200*			200
205	49.2	234.7	201,000	302,100*	268,900	346,700*			205
210	48.0	230.2	192,000	292,200*	258,100	335,700*			210
215	46.6	225.4	183,300	282,700*	247,800	325,300*			215
220	45.3	220.5	175,100	273,700*	238,000	315,300*	301,000	356,900*	220
225	43.9	215.2	167,200	265,100*	228,700	305,700*	290,200	346,400*	225
230	42.5	209.7	159,700	256,800*	219,700	296,600*	279,800	336,400*	230
240	39.5	197.9	145,500	241,200*	202,900	279,300*	260,400	317,500*	240
250	36.4	184.6	132,500	226,800*	187,500	263,400*	242,500	300,100*	250
260	32.9	169.7	120,400	213,500*	173,100	248,700*	225,900	284,000*	260
270	29.1	152.4	109,200	201,100*	159,800	235,000*	210,500	269,000*	270

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

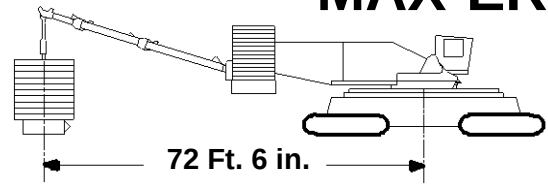
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**

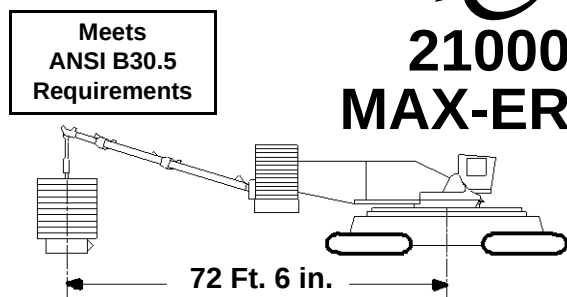


320 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.9	327.4	749,500*	583,600	1,006,500*	914,600	1,103,800*			50
55	82.0	326.7	674,900*	503,700	909,600*	798,300	1,070,600*			55
60	81.0	325.9	611,400*	439,600	828,100*	704,900	976,300*			60
65	80.1	325.0	554,000*	387,000	758,800*	628,300	895,900*	869,800	1,033,100*	65
70	79.2	324.0	505,000*	343,000	699,000*	564,400	826,700*	785,900	954,400*	70
75	78.3	322.9	462,800*	305,700	646,900*	510,100	766,300*	714,700	885,800*	75
80	77.4	321.8	426,100*	273,700	601,100*	463,600	713,300*	653,500	825,500*	80
85	76.5	320.5	393,700*	245,900	560,500*	423,100	666,300*	600,500	772,100*	85
90	75.5	319.2	365,100*	221,600	524,300*	387,700	624,400*	554,000	724,400*	90
95	74.6	317.8	339,500*	200,000	491,800*	356,400	586,700*	512,900	681,700*	95
100	73.7	316.3	316,500*	180,900	462,500*	328,600	552,800*	476,400	643,100*	100
105	72.7	314.7	295,800*	163,700	435,900*	303,600	522,000*	443,700	608,100*	105
110	71.8	313.0	277,000*	148,200	410,800*	281,200	493,900*	414,200	576,200*	110
115	70.8	311.3	259,800*	134,200	387,700*	260,800	468,200*	387,500	547,000*	115
120	69.9	309.4	244,100*	121,400	366,500*	242,300	444,600*	363,200	520,100*	120
125	68.9	307.5	229,600*	109,800	347,100*	225,300	422,800*	340,900	495,400*	125
130	68.0	305.4	216,300*	99,000	329,200*	209,800	402,700*	320,600	472,500*	130
135	67.0	303.2	204,000*	89,200	312,600*	195,400	384,000*	301,800	451,300*	135
140	66.0	301.0	192,600*	80,000	297,200*	182,200	366,600*	284,400	431,600*	140
145	65.0	298.6	181,900*	71,500	282,900*	169,900	350,400*	268,400	413,200*	145
150	64.0	296.1	172,000*	63,700	269,500*	158,500	335,300*	253,400	396,000*	150
155	63.0	293.6	162,700*	56,300	257,100*	147,900	321,100*	239,500	379,900*	155
160	62.0	290.9	154,000*	49,400	245,400*	137,900	307,800*	226,500	364,700*	160
165	61.0	288.0	145,800*	43,000	234,400*	128,600	295,200*	214,300	350,500*	165
170	59.9	285.1	138,100*	36,900	224,000*	119,900	283,000*	202,800	337,100*	170
175	58.9	282.1	130,900*	31,200	214,300*	111,600	271,600*	192,100	324,400*	175
180	57.8	278.9	124,000*	25,900	205,100*	103,900	260,700*	181,900	312,400*	180
185	56.7	275.6	117,500*	20,800	196,400*	96,600	250,500*	172,400	301,000*	185
190	55.7	272.1	110,500*	16,000	188,100*	89,600	240,800*	163,300	290,300*	190
195	54.5	268.5	103,500*	11,400	180,300*	83,100	231,600*	154,700	280,000*	195
200	53.4	264.8	96,900*	7,100	172,800*	76,800	222,900*	146,600	270,300*	200
205	52.3	260.9	90,500*	3,000	165,800*	70,900	214,500*	138,900	261,000*	205
210	51.1	256.8	84,500*		159,000*	65,300	206,600*	131,500	252,200*	210
215	50.0	252.6	78,800*		152,600*	59,900	199,100*	124,500	243,800*	215
220	48.8	248.2	73,300*		146,400*	54,800	191,800*	117,800	235,700*	220
225	47.6	243.6	68,100*		140,500*	49,900	184,900*	111,400	228,000*	225
230	46.3	238.7	63,000*		134,900*	45,200	178,300*	105,300	220,600*	230
240	43.7	228.5	53,600*		124,300*	36,400	165,900*	93,900	206,700*	240
250	41.1	217.2	44,900*		114,600*	28,200	154,500*	83,300	193,900*	250
260	38.2	204.8			105,600*	20,700	143,900*	73,500	182,000*	260
270	35.1	190.9			97,200*	13,700	134,100*	64,400	170,900*	270
280	31.8	175.3			89,400*	7,100	125,000*	56,000	160,600*	280
290	28.1	157.4			82,000*		116,400*	48,000	150,800*	290

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating



320 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.9	327.4							50
55	82.0	326.7							55
60	81.0	325.9							60
65	80.1	325.0							65
70	79.2	324.0							70
75	78.3	322.9							75
80	77.4	321.8							80
85	76.5	320.5							85
90	75.5	319.2							90
95	74.6	317.8							95
100	73.7	316.3							100
105	72.7	314.7	583,800	694,200*					105
110	71.8	313.0	547,300	658,400*					110
115	70.8	311.3	514,200	625,700*					115
120	69.9	309.4	484,100	595,700*					120
125	68.9	307.5	456,600	568,000*					125
130	68.0	305.4	431,400	542,400*					130
135	67.0	303.2	408,200	518,600*					135
140	66.0	301.0	386,700	496,500*					140
145	65.0	298.6	366,900	475,900*					145
150	64.0	296.1	348,400	456,600*					150
155	63.0	293.6	331,200	438,600*					155
160	62.0	290.9	315,100	421,700*	403,700	478,600*			160
165	61.0	288.0	300,000	405,700*	385,800	461,000*			165
170	59.9	285.1	285,900	390,700*	369,000	444,300*			170
175	58.9	282.1	272,600	376,500*	353,100	428,600*			175
180	57.8	278.9	260,100	363,100*	338,200	413,800*			180
185	56.7	275.6	248,200	350,400*	324,100	399,700*			185
190	55.7	272.1	237,000	338,300*	310,800	386,400*			190
195	54.5	268.5	226,500	326,900*	298,200	373,700*			195
200	53.4	264.8	216,400	316,000*	286,300	361,700*			200
205	52.3	260.9	206,900	305,600*	274,900	350,200*			205
210	51.1	256.8	197,800	295,700*	264,100	339,300*			210
215	50.0	252.6	189,200	286,300*	253,900	328,800*			215
220	48.8	248.2	180,900	277,300*	244,100	318,900*			220
225	47.6	243.6	173,000	268,600*	234,700	309,300*	296,400	350,000*	225
230	46.3	238.7	165,500	260,400*	225,700	300,200*	286,000	340,000*	230
240	43.7	228.5	151,400	244,800*	209,000	283,000*	266,600	321,100*	240
250	41.1	217.2	138,400	230,500*	193,500	267,100*	248,700	303,800*	250
260	38.2	204.8	126,400	217,200*	179,300	252,400*	232,200	287,700*	260
270	35.1	190.9	115,200	204,900*	166,000	238,800*	216,900	272,800*	270
280	31.8	175.3	104,800	193,400*	153,700	226,100*	202,600	258,900*	280
290	28.1	157.4	95,000	182,600*	142,100	214,200*	189,200	245,800*	290

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

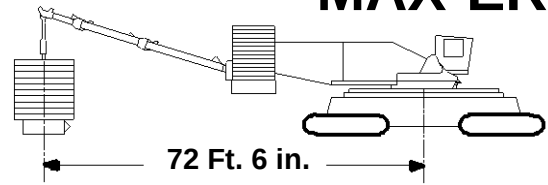
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



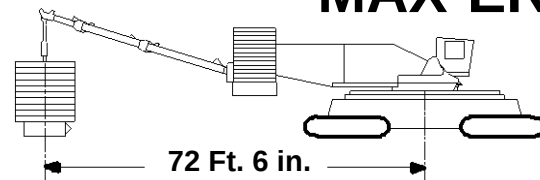
340 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.4	346.9	670,200*	502,200	904,900*	798,300	968,100*			55
60	81.6	346.2	607,200*	437,300	823,400*	703,900	968,100*			60
65	80.7	345.3	549,700*	384,000	754,000*	626,400	891,100*			65
70	79.9	344.4	500,700*	339,600	694,100*	561,800	821,800*	784,200	949,500*	70
75	79.0	343.4	458,400*	302,000	642,000*	507,100	761,500*	712,400	880,900*	75
80	78.1	342.3	421,600*	269,600	596,200*	460,100	708,400*	650,800	820,600*	80
85	77.3	341.1	389,200*	241,600	555,600*	419,400	661,400*	597,300	767,200*	85
90	76.4	339.9	360,500*	217,000	519,400*	383,700	619,500*	550,500	719,500*	90
95	75.5	338.6	334,900*	195,300	486,900*	352,200	581,800*	509,100	676,800*	95
100	74.7	337.2	311,900*	176,000	457,600*	324,100	547,900*	472,300	638,100*	100
105	73.8	335.7	291,100*	158,700	430,900*	299,000	517,000*	439,400	603,100*	105
110	72.9	334.1	272,300*	143,100	406,100*	276,300	488,900*	409,700	571,200*	110
115	72.0	332.5	255,100*	128,900	383,000*	255,900	463,200*	382,900	542,000*	115
120	71.1	330.7	239,400*	116,100	361,800*	237,200	439,600*	358,400	515,200*	120
125	70.2	328.9	224,900*	104,300	342,300*	220,200	417,800*	336,100	490,400*	125
130	69.3	327.0	211,600*	93,500	324,400*	204,500	397,700*	315,600	467,600*	130
135	68.4	325.0	199,200*	83,600	307,800*	190,100	379,000*	296,700	446,300*	135
140	67.5	322.9	187,800*	74,400	292,400*	176,800	361,700*	279,300	426,600*	140
145	66.6	320.7	177,100*	65,800	278,100*	164,500	345,500*	263,100	408,200*	145
150	65.7	318.4	167,200*	57,900	264,700*	153,000	330,300*	248,100	391,000*	150
155	64.7	316.0	157,900*	50,500	252,300*	142,300	316,100*	234,100	374,900*	155
160	63.8	313.5	149,200*	43,600	240,500*	132,300	302,800*	221,000	359,700*	160
165	62.8	310.9	141,000*	37,100	229,500*	122,900	290,200*	208,800	345,500*	165
170	61.9	308.2	133,300*	31,100	219,200*	114,200	278,200*	197,300	332,100*	170
175	60.9	305.4	126,000*	25,300	209,500*	105,900	266,700*	186,500	319,400*	175
180	59.9	302.4	119,200*	19,900	200,200*	98,100	255,900*	176,300	307,400*	180
185	58.9	299.4	111,700*	14,800	191,500*	90,800	245,700*	166,700	296,100*	185
190	57.9	296.2	104,300*	10,000	183,300*	83,800	236,000*	157,700	285,300*	190
195	56.9	292.9	97,300*	5,400	175,400*	77,200	226,800*	149,000	275,100*	195
200	55.9	289.5	90,700*		168,000*	71,000	218,000*	140,900	265,300*	200
205	54.9	286.0	84,400*		160,900*	65,000	209,700*	133,100	256,100*	205
210	53.8	282.3	78,400*		154,200*	59,400	201,800*	125,800	247,200*	210
215	52.8	278.5	72,600*		147,700*	54,000	194,200*	118,700	238,800*	215
220	51.7	274.5	67,100*		141,600*	48,800	187,000*	112,000	230,700*	220
225	50.6	270.3	61,900*		135,700*	43,900	180,100*	105,600	223,000*	225
230	49.5	266.0	56,900*		130,100*	39,200	173,500*	99,500	215,600*	230
240	47.2	256.9	47,500*		119,500*	30,400	161,100*	88,000	201,700*	240
250	44.8	247.0	38,800*		109,800*	22,300	149,700*	77,500	188,900*	250
260	42.4	236.2			100,800*	14,800	139,200*	67,700	177,100*	260
270	39.8	224.4			92,400*	7,800	129,400*	58,700	166,000*	270
280	37.0	211.4			84,600*		120,200*	50,200	155,800*	280
290	34.0	197.0			77,300*		111,700*	42,300	146,100*	290
300	30.8	180.8			69,000*		103,700*	34,900	136,900*	300
310	27.3	162.2			61,000*		96,200*	27,900	128,300*	310

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


340 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.4	346.9							55
60	81.6	346.2							60
65	80.7	345.3							65
70	79.9	344.4							70
75	79.0	343.4							75
80	78.1	342.3							80
85	77.3	341.1							85
90	76.4	339.9							90
95	75.5	338.6							95
100	74.7	337.2							100
105	73.8	335.7	579,900	689,200*					105
110	72.9	334.1	543,200	653,500*					110
115	72.0	332.5	509,900	620,800*					115
120	71.1	330.7	479,700	590,700*					120
125	70.2	328.9	452,100	563,000*					125
130	69.3	327.0	426,700	537,400*					130
135	68.4	325.0	403,400	513,600*					135
140	67.5	322.9	381,800	491,500*					140
145	66.6	320.7	361,900	470,900*					145
150	65.7	318.4	343,300	451,700*					150
155	64.7	316.0	326,000	433,600*	417,900	492,400*			155
160	63.8	313.5	309,800	416,700*	398,700	473,600*			160
165	62.8	310.9	294,700	400,700*	380,700	456,000*			165
170	61.9	308.2	280,500	385,700*	363,800	439,300*			170
175	60.9	305.4	267,200	371,500*	347,900	423,600*			175
180	59.9	302.4	254,600	358,100*	332,900	408,800*			180
185	58.9	299.4	242,800	345,400*	318,800	394,800*			185
190	57.9	296.2	231,500	333,400*	305,500	381,400*			190
195	56.9	292.9	220,900	321,900*	292,800	368,800*			195
200	55.9	289.5	210,900	311,000*	280,900	356,700*			200
205	54.9	286.0	201,300	300,700*	269,500	345,200*			205
210	53.8	282.3	192,200	290,800*	258,700	334,300*			210
215	52.8	278.5	183,500	281,300*	248,400	323,900*			215
220	51.7	274.5	175,300	272,300*	238,500	313,900*	301,800	355,500*	220
225	50.6	270.3	167,400	263,700*	229,200	304,300*	291,000	345,000*	225
230	49.5	266.0	159,800	255,400*	220,200	295,200*	280,600	335,000*	230
240	47.2	256.9	145,700	239,900*	203,400	278,000*	261,100	316,200*	240
250	44.8	247.0	132,700	225,600*	188,000	262,200*	243,300	298,800*	250
260	42.4	236.2	120,700	212,300*	173,700	247,600*	226,800	282,800*	260
270	39.8	224.4	109,600	200,000*	160,500	233,900*	211,500	267,900*	270
280	37.0	211.4	99,200	188,500*	148,200	221,300*	197,300	254,000*	280
290	34.0	197.0	89,500	177,800*	136,700	209,400*	184,000	241,100*	290
300	30.8	180.8	80,400	167,700*	126,000	198,300*	171,600	228,900*	300
310	27.3	162.2	71,900	158,300*	115,800	187,900*	159,800	217,500*	310

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

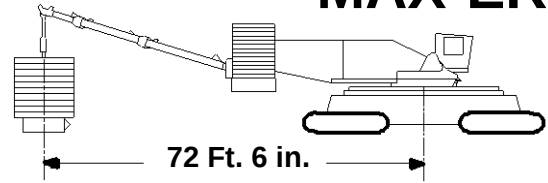
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



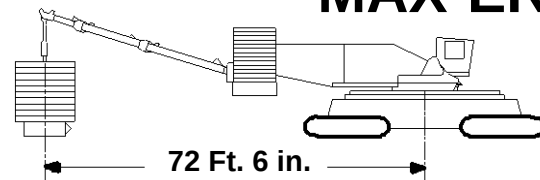
360 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.9	367.1	666,700*	503,200	851,700*					55
60	82.0	366.4	603,900*	437,300	819,800*					60
65	81.2	365.6	546,400*	383,300	750,400*					65
70	80.4	364.7	497,400*	338,200	690,500*					70
75	79.6	363.8	455,100*	300,100	638,400*			712,900	851,700*	75
80	78.8	362.8	418,200*	267,400	592,500*	458,900	704,700*	650,600	817,000*	80
85	78.0	361.7	385,800*	239,100	551,900*	417,800	657,700*	596,600	763,500*	85
90	77.2	360.5	357,100*	214,200	515,700*	381,700	615,800*	549,300	715,900*	90
95	76.4	359.3	331,500*	192,300	483,200*	349,900	578,200*	507,600	673,100*	95
100	75.5	358.0	308,400*	172,800	453,900*	321,600	544,200*	470,500	634,500*	100
105	74.7	356.6	287,700*	155,300	427,300*	296,300	513,400*	437,300	599,500*	105
110	73.9	355.1	268,800*	139,600	402,600*	273,500	485,300*	407,400	567,500*	110
115	73.1	353.5	251,600*	125,400	379,500*	252,800	459,600*	380,300	538,300*	115
120	72.2	351.9	235,900*	112,400	358,300*	234,000	436,000*	355,700	511,500*	120
125	71.4	350.2	221,400*	100,600	338,900*	216,900	414,200*	333,200	486,800*	125
130	70.5	348.4	208,100*	89,700	320,900*	201,100	394,100*	312,600	463,900*	130
135	69.7	346.5	195,700*	79,700	304,300*	186,600	375,400*	293,600	442,700*	135
140	68.8	344.5	184,300*	70,500	288,900*	173,200	358,000*	276,100	422,900*	140
145	68.0	342.5	173,600*	61,900	274,600*	160,800	341,800*	259,800	404,500*	145
150	67.1	340.3	163,700*	53,900	261,200*	149,300	326,700*	244,700	387,300*	150
155	66.2	338.1	154,400*	46,500	248,800*	138,500	312,500*	230,600	371,200*	155
160	65.3	335.8	145,700*	39,500	237,000*	128,500	299,200*	217,500	356,100*	160
165	64.5	333.4	137,500*	33,000	226,100*	119,100	286,600*	205,200	341,900*	165
170	63.6	330.8	129,800*	26,900	215,700*	110,300	274,700*	193,700	328,400*	170
175	62.7	328.2	122,500*	21,200	206,000*	102,000	263,200*	182,800	315,800*	175
180	61.8	325.5	115,200*	15,800	196,700*	94,200	252,400*	172,600	303,800*	180
185	60.9	322.7	107,400*	10,600	188,000*	86,800	242,200*	163,000	292,500*	185
190	59.9	319.8	100,000*	5,800	179,800*	79,800	232,500*	153,800	281,700*	190
195	59.0	316.7	93,000*		172,000*	73,200	223,300*	145,200	271,500*	195
200	58.1	313.6	86,400*		164,500*	66,900	214,500*	137,000	261,700*	200
205	57.1	310.3	80,100*		157,400*	61,000	206,200*	129,300	252,500*	205
210	56.2	306.9	74,000*		150,700*	55,300	198,300*	121,900	243,700*	210
215	55.2	303.4	68,300*		144,300*	49,900	190,800*	114,800	235,200*	215
220	54.2	299.8	62,800*		138,100*	44,700	183,600*	108,100	227,200*	220
225	53.2	296.0	57,600*		132,200*	39,800	176,700*	101,700	219,500*	225
230	52.2	292.1	52,500*		126,600*	35,100	170,100*	95,600	212,100*	230
240	50.1	283.8	43,100*		116,100*	26,300	157,700*	84,100	198,200*	240
250	48.0	274.9			106,400*	18,200	146,300*	73,500	185,400*	250
260	45.8	265.3			97,400*	10,700	135,700*	63,800	173,600*	260
270	43.5	254.9			89,000*	3,700	126,000*	54,700	162,600*	270
280	41.1	243.7			81,300*		116,900*	46,300	152,300*	280
290	38.6	231.4			73,400*		108,400*	38,400	142,800*	290
300	35.9	217.8			65,000*		100,400*	31,100	133,700*	300
310	33.0	202.9			57,100*		93,000*	24,200	125,100*	310
320	29.9	186.0			49,600*		85,900*	17,600	117,100*	320
330	26.5	166.8			42,500*		79,300*	11,400	109,500*	330

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


360 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.9	367.1							55
60	82.0	366.4							60
65	81.2	365.6							65
70	80.4	364.7							70
75	79.6	363.8							75
80	78.8	362.8							80
85	78.0	361.7							85
90	77.2	360.5							90
95	76.4	359.3							95
100	75.5	358.0							100
105	74.7	356.6	578,400	685,600*					105
110	73.9	355.1	541,400	649,800*					110
115	73.1	353.5	507,900	617,100*					115
120	72.2	351.9	477,400	587,000*					120
125	71.4	350.2	449,600	559,400*					125
130	70.5	348.4	424,100	533,700*					130
135	69.7	346.5	400,600	510,000*					135
140	68.8	344.5	379,000	487,900*					140
145	68.0	342.5	358,900	467,300*					145
150	67.1	340.3	340,200	448,000*					150
155	66.2	338.1	322,800	430,000*	415,100	488,700*			155
160	65.3	335.8	306,600	413,000*	395,700	470,000*			160
165	64.5	333.4	291,400	397,100*	377,600	452,300*			165
170	63.6	330.8	277,100	382,100*	360,600	435,700*			170
175	62.7	328.2	263,700	367,900*	344,700	420,000*			175
180	61.8	325.5	251,100	354,500*	329,700	405,200*			180
185	60.9	322.7	239,200	341,800*	315,500	391,100*			185
190	59.9	319.8	227,900	329,800*	302,100	377,800*			190
195	59.0	316.7	217,300	318,300*	289,400	365,200*			195
200	58.1	313.6	207,200	307,400*	277,400	353,100*			200
205	57.1	310.3	197,600	297,100*	266,000	341,700*			205
210	56.2	306.9	188,500	287,200*	255,100	330,700*			210
215	55.2	303.4	179,800	277,800*	244,800	320,300*			215
220	54.2	299.8	171,500	268,800*	234,900	310,300*	298,400	351,900*	220
225	53.2	296.0	163,600	260,100*	225,500	300,800*	287,500	341,500*	225
230	52.2	292.1	156,000	251,900*	216,600	291,700*	277,100	331,500*	230
240	50.1	283.8	141,900	236,400*	199,700	274,500*	257,600	312,700*	240
250	48.0	274.9	128,900	222,100*	184,300	258,700*	239,700	295,300*	250
260	45.8	265.3	116,900	208,800*	170,000	244,100*	223,200	279,300*	260
270	43.5	254.9	105,800	196,500*	156,800	230,500*	207,900	264,400*	270
280	41.1	243.7	95,400	185,100*	144,600	217,800*	193,700	250,600*	280
290	38.6	231.4	85,800	174,400*	133,100	206,000*	180,500	237,700*	290
300	35.9	217.8	76,700	164,400*	122,400	195,000*	168,100	225,600*	300
310	33.0	202.9	68,200	155,000*	112,400	184,600*	156,500	214,200*	310
320	29.9	186.0	60,200	146,100*	102,900	174,800*	145,600	203,500*	320
330	26.5	166.8	52,600	137,800*	93,900	165,600*	135,200	190,600*	330

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

458,700 Lb. Crane Counterweight

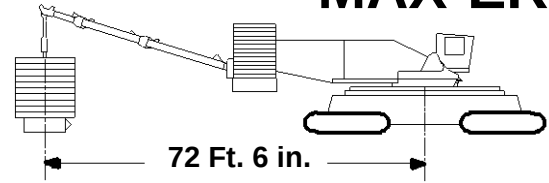
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
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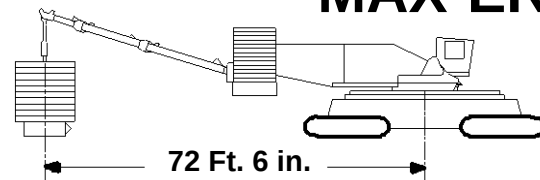
380 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
60	82.5	386.6	436,600	753,000*					60
65	81.7	385.9	381,600	745,500*	627,500	753,000*			65
70	80.9	385.0	335,900	685,600*	561,100	753,000*			70
75	80.2	384.1	297,200	633,500*	504,900	752,900*			75
80	79.4	383.2	264,000	587,600*	456,700	699,800*	649,600	753,000*	80
85	78.6	382.2	235,300	547,000*	415,000	652,800*	594,900	753,000*	85
90	77.9	381.1	210,100	510,800*	378,600	610,900*	547,100	710,900*	90
95	77.1	379.9	187,900	478,300*	346,400	573,200*	504,900	668,100*	95
100	76.3	378.6	168,200	448,900*	317,800	539,200*	467,400	629,500*	100
105	75.5	377.3	150,500	422,300*	292,200	508,400*	433,900	594,500*	105
110	74.8	375.9	134,700	397,900*	269,100	480,300*	403,700	562,600*	110
115	74.0	374.5	120,300	374,800*	248,300	454,600*	376,400	533,300*	115
120	73.2	372.9	107,200	353,600*	229,300	431,000*	351,500	506,500*	120
125	72.4	371.3	95,200	334,100*	212,000	409,200*	328,800	481,800*	125
130	71.6	369.6	84,300	316,100*	196,100	389,000*	308,000	458,900*	130
135	70.8	367.8	74,200	299,500*	181,500	370,400*	288,900	437,700*	135
140	70.0	366.0	64,800	284,100*	168,000	353,000*	271,200	417,900*	140
145	69.2	364.1	56,200	269,800*	155,500	336,800*	254,900	399,500*	145
150	68.4	362.1	48,200	256,400*	143,900	321,600*	239,700	382,300*	150
155	67.6	360.0	40,700	243,900*	133,100	307,400*	225,500	366,200*	155
160	66.7	357.8	33,700	232,200*	123,000	294,100*	212,300	351,100*	160
165	65.9	355.5	27,100	221,200*	113,500	281,600*	199,900	336,800*	165
170	65.1	353.2	21,000	210,800*	104,600	269,800*	188,300	323,400*	170
175	64.2	350.7	15,200	201,100*	96,300	258,400*	177,400	310,700*	175
180	63.4	348.2	9,700	191,900*	88,400	247,500*	167,100	298,800*	180
185	62.5	345.6	4,600	183,200*	81,000	237,300*	157,400	287,400*	185
190	61.7	342.8		174,900*	74,000	227,600*	148,300	276,700*	190
195	60.8	340.0		167,100*	67,300	218,400*	139,600	266,400*	195
200	59.9	337.1		159,600*	61,000	209,700*	131,400	256,700*	200
205	59.1	334.1		152,600*	55,000	201,400*	123,500	247,500*	205
210	58.2	330.9		145,800*	49,300	193,400*	116,100	238,600*	210
215	57.3	327.7		139,400*	43,900	185,900*	109,000	230,200*	215
220	56.4	324.3		133,200*	38,700	178,700*	102,300	222,200*	220
225	55.4	320.8		127,400*	33,800	171,800*	95,900	214,500*	225
230	54.5	317.3		121,700*	29,100	165,200*	89,700	207,100*	230
240	52.6	309.7		111,200*	20,200	152,800*	78,200	193,200*	240
250	50.7	301.6		101,500*	12,100	141,400*	67,600	180,400*	250
260	48.7	292.9		92,500*	4,600	130,900*	57,800	168,600*	260
270	46.6	283.5		84,200*		121,100*	48,800	157,600*	270
280	44.5	273.5		76,300*		112,000*	40,300	147,400*	280
290	42.3	262.6		67,300*		103,500*	32,500	137,800*	290
300	39.9	250.9		58,900*		95,600*	25,200	128,800*	300
310	37.5	238.1		51,000*		88,200*	18,300	120,300*	310
320	34.9	224.1		43,600*		81,200*	11,800	112,300*	320
330	32.1	208.6				74,600*	5,600	104,700*	330
340	29.1	191.2				68,300*		97,600*	340

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 72 Ft. 6 in. Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

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380 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
60	82.5	386.6							60
65	81.7	385.9							65
70	80.9	385.0							70
75	80.2	384.1							75
80	79.4	383.2							80
85	78.6	382.2							85
90	77.9	381.1							90
95	77.1	379.9							95
100	76.3	378.6							100
105	75.5	377.3	575,700	680,600*					105
110	74.8	375.9	538,300	644,800*					110
115	74.0	374.5	504,500	612,100*					115
120	73.2	372.9	473,800	582,000*					120
125	72.4	371.3	445,800	554,300*					125
130	71.6	369.6	420,000	528,700*					130
135	70.8	367.8	396,400	505,000*					135
140	70.0	366.0	374,500	482,900*					140
145	69.2	364.1	354,300	462,300*					145
150	68.4	362.1	335,500	443,000*					150
155	67.6	360.0	318,000	424,900*	410,600	483,700*			155
160	66.7	357.8	301,700	408,000*	391,100	464,900*			160
165	65.9	355.5	286,400	392,100*	372,900	447,300*			165
170	65.1	353.2	272,000	377,100*	355,800	430,700*			170
175	64.2	350.7	258,600	362,900*	339,800	415,000*			175
180	63.4	348.2	245,900	349,500*	324,700	400,200*			180
185	62.5	345.6	233,900	336,800*	310,400	386,100*			185
190	61.7	342.8	222,600	324,700*	297,000	372,800*			190
195	60.8	340.0	211,900	313,300*	284,200	360,100*			195
200	59.9	337.1	201,700	302,400*	272,100	348,100*			200
205	59.1	334.1	192,100	292,100*	260,700	336,600*			205
210	58.2	330.9	182,900	282,200*	249,800	325,700*			210
215	57.3	327.7	174,200	272,700*	239,400	315,300*			215
220	56.4	324.3	165,900	263,700*	229,500	305,300*	293,200	346,900*	220
225	55.4	320.8	157,900	255,100*	220,100	295,800*	282,200	336,400*	225
230	54.5	317.3	150,400	246,900*	211,100	286,700*	271,800	326,400*	230
240	52.6	309.7	136,200	231,400*	194,200	269,500*	252,200	307,700*	240
250	50.7	301.6	123,100	217,100*	178,700	253,700*	234,300	290,300*	250
260	48.7	292.9	111,100	203,800*	164,400	239,100*	217,700	274,300*	260
270	46.6	283.5	99,900	191,600*	151,200	225,500*	202,400	259,500*	270
280	44.5	273.5	89,600	180,100*	138,900	212,900*	188,200	245,600*	280
290	42.3	262.6	80,000	169,500*	127,400	201,100*	175,000	230,300*	290
300	39.9	250.9	70,900	159,500*	116,800	190,100*	162,600	210,200*	300
310	37.5	238.1	62,500	150,100*	106,700	179,700*	151,000	190,600*	310
320	34.9	224.1	54,500	141,300*	97,300	170,000*	140,100	171,300*	320
330	32.1	208.6	47,000	133,000*	88,400	152,500*	129,900	152,500*	330
340	29.1	191.2	39,900	125,100*	80,000	133,900*	120,100	133,900*	340